

	<p style="text-align: right;"> <b>City of Greensboro</b>  <b>Water Resources Department</b>  <b>Engineering Division</b>          2602 S Elm-Eugene St          Greensboro, NC 27406       </p> <p style="text-align: center;"> <b>Fire Flow &amp; Pump Tracking/Acceptance Request for          Water Extension Permit Application</b> </p>
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Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Project Applicant Name: \_\_\_\_\_

Project Name for which fire flow is being requested: \_\_\_\_\_

I. Brief description of project, site address and provide a location map (Include overall site plan if available): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**As a condition of receiving a water permit, the applicant must certify that the proposed extension shall be able to sufficiently produce the flows required for the projects fire and/or sprinkler demands. This includes, but is not limited to any necessary pumping or storage throughout the proposed extension without negatively impacting the existing distribution system.**

II. Provide what the maximum fire suppression system demand requirement is for the project at the point of connection to the public water system.

Maximum Flow Required: \_\_\_\_\_ psi @ \_\_\_\_\_ gpm

III. Hydrant Information:

Hydrant flow test information obtained from the City is for reference only. The City does not guarantee the quality, quantity or pressure of its water supply. It is hereby made a portion of the terms on which the City furnished water to consumers that the City shall in no case be liable to any consumer for any defect in quality, quantity or pressure.

Hydrant Flow Test Information can be obtained from the Water Resources Meter Shop at (336) 373-4378.

Hydrant ID: HY \_\_\_\_\_ - \_\_\_\_\_

Date of Test: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Static: \_\_\_\_\_ psi

Residual: \_\_\_\_\_ psi

Flow: \_\_\_\_\_ gpm

Provide what the residual flow is at 20 psi: \_\_\_\_\_ gpm

#### IV. Fire Pump Information:

Will a fire pump be installed as part of the fire suppression system? Yes ☐ No ☐

Pump Rating = \_\_\_\_\_ psi @ \_\_\_\_\_ gpm

Provide a copy of the Pump Curve clearly showing its Rated Pump Capacity at 150%.

#### V. Water Supply Information:

Provide a copy of the Water Supply Curve clearly showing the following information:

**Note: If Item Number IV is checked No, then B-D below can be omitted**

- A. City Water Supply (Hydrant Flow Test Data)
- B. Pump Data (Rated Flow and Pressure & Maximum Flow and Pressure)
- C. City Residual Flows based at 0 psi, 20 psi, & 150% of the Pumps Rated Capacity
- D. City Water Supply Adjusted to Pump Inlet
- E. Sprinkler Demand

Water Modeling Information can be obtained from the Water Resources Engineering Division at (336)373-4131.

#### VI. Fire Suppression System Designer Contact Information:

Name and Title:		
Company:		
Mailing Address:		
City:	State:	Zip:
Phone:	Fax:	E-mail:
Signature:		Date:

#### FOR CITY OF GREENSBORO USE ONLY:

The submitted Fire Suppression System Demand is:

☐ Permitted for utility construction approval

☐ Denied due to the negative impacts placed upon the distribution system

\_\_\_\_\_  
(Signing Official)

\_\_\_\_\_  
(Date)

Approval Code – FFPTAR - \_\_\_\_\_ - \_\_\_\_\_  
(Year) (Case No.)

